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FIG. 1(a)

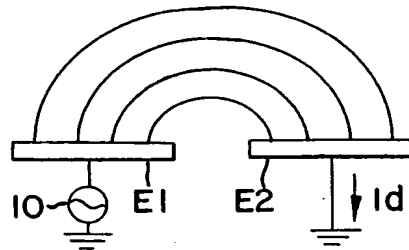


FIG. 1(b)

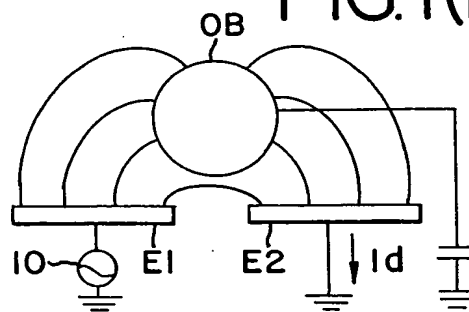
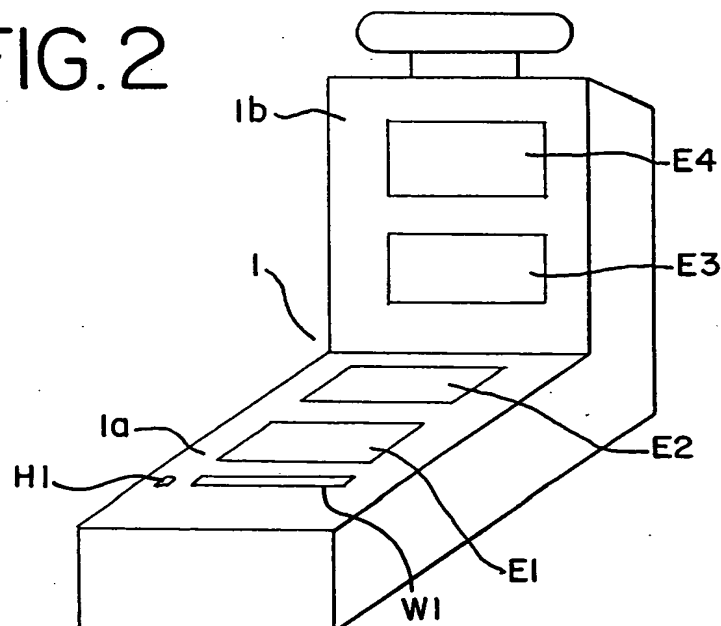
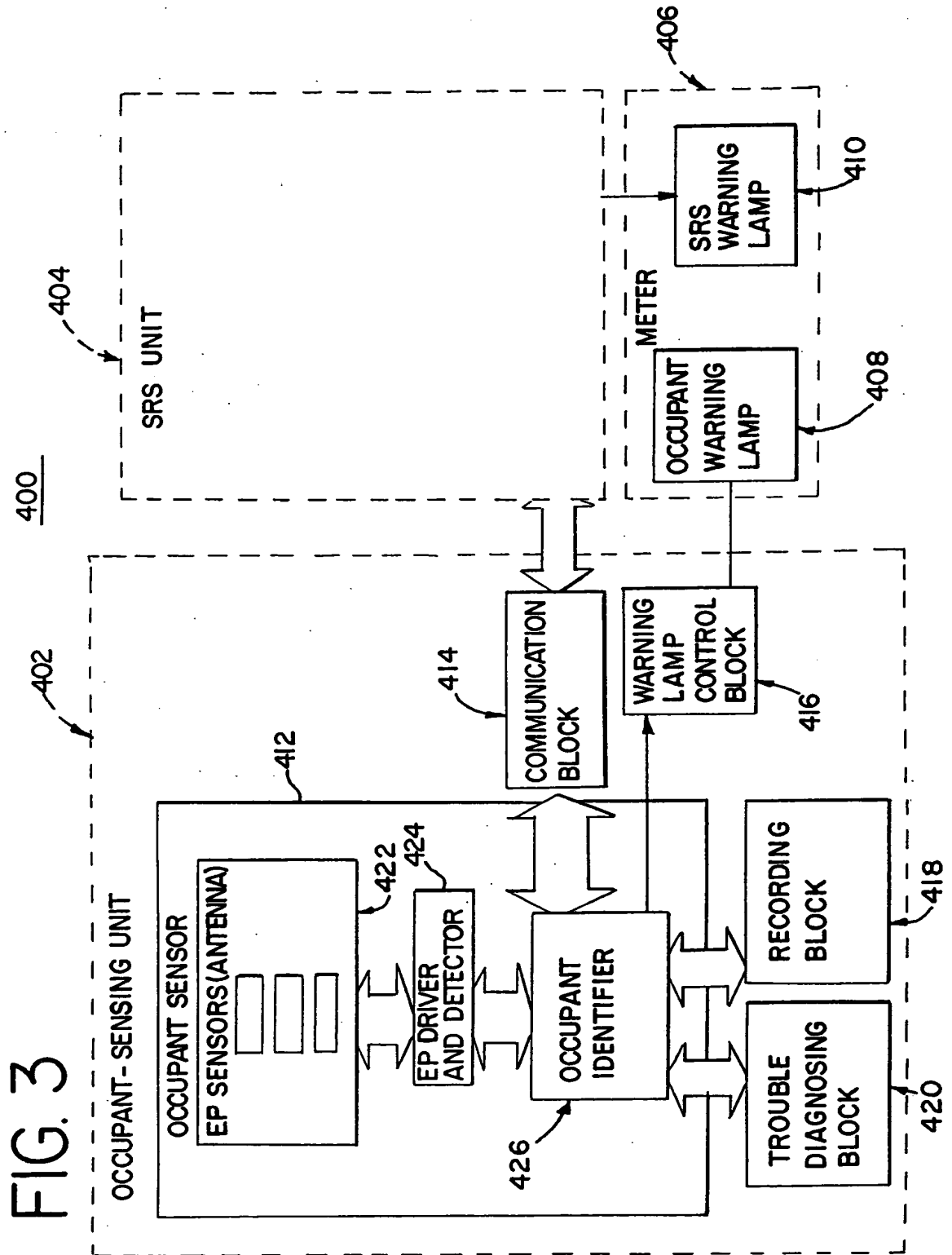


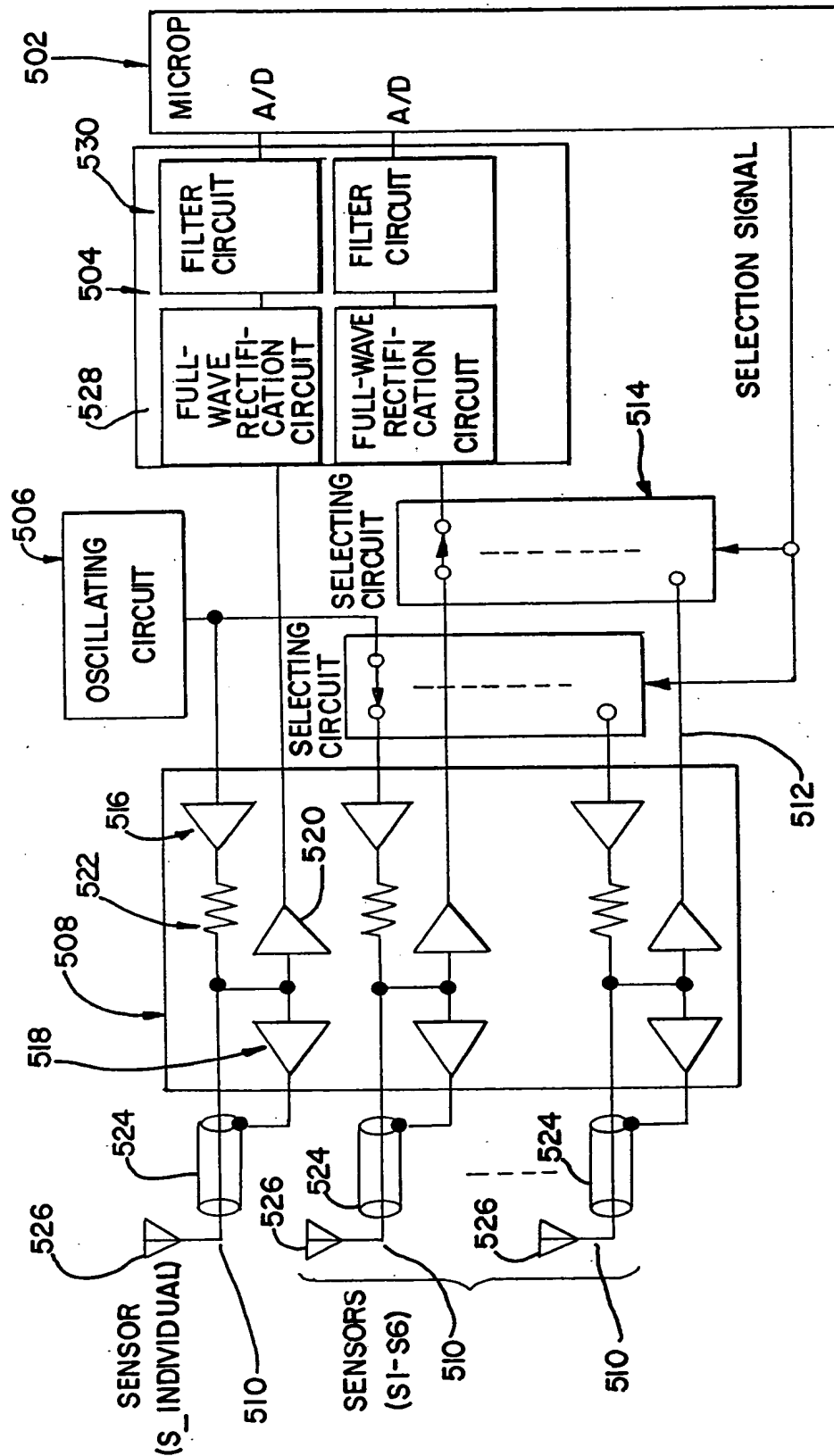
FIG. 2





500

FIG. 4



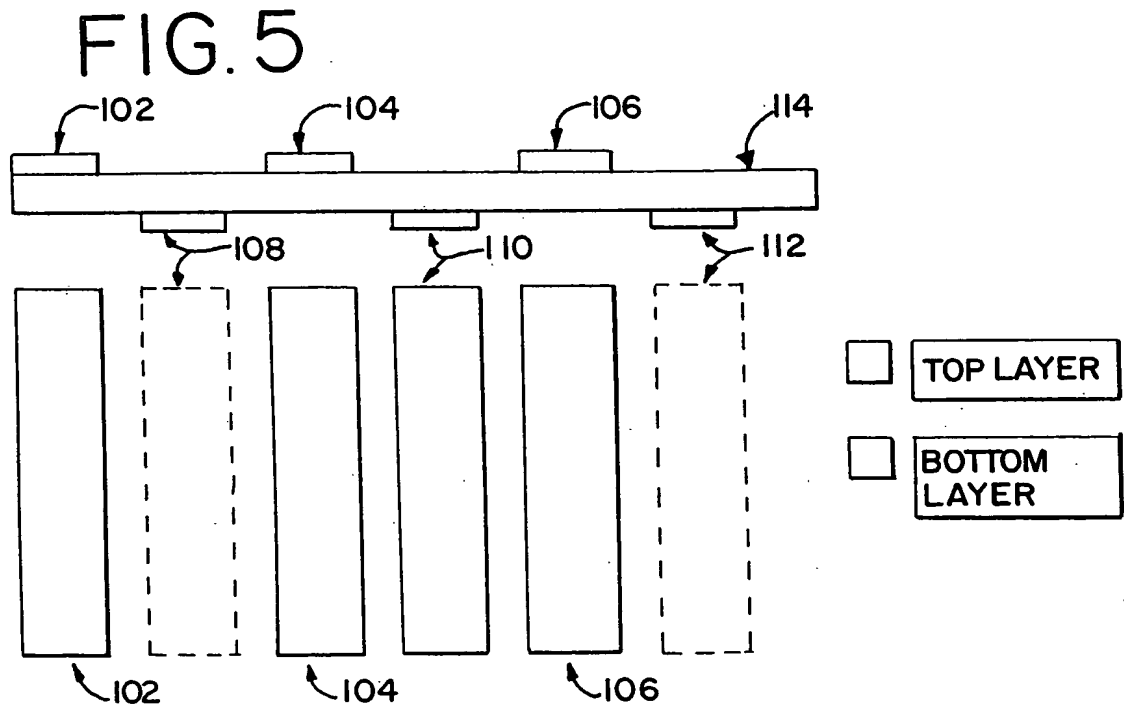
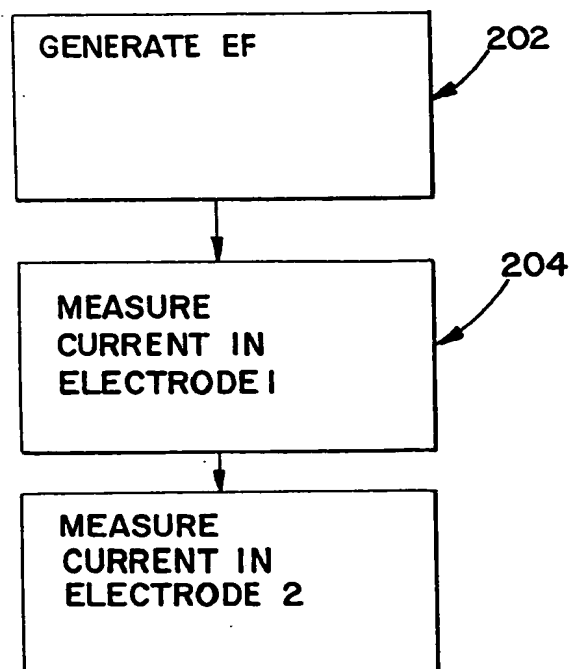


FIG. 6



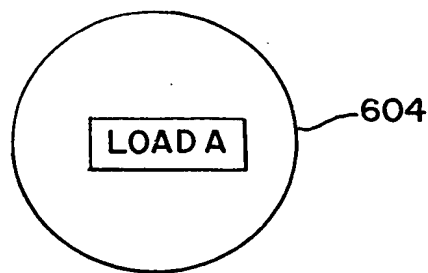


FIG. 7

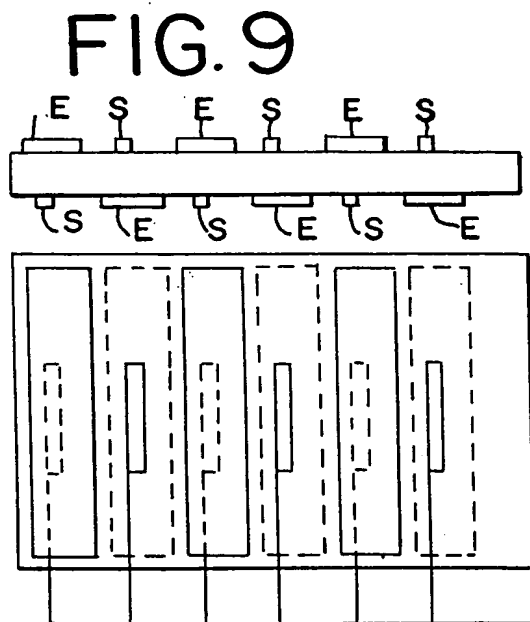


FIG. 9

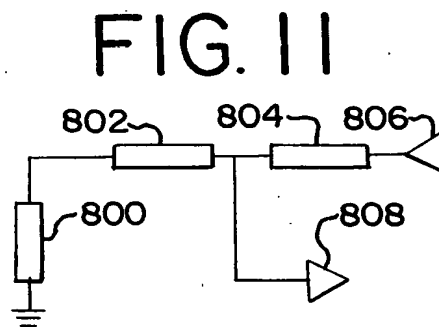


FIG. 11

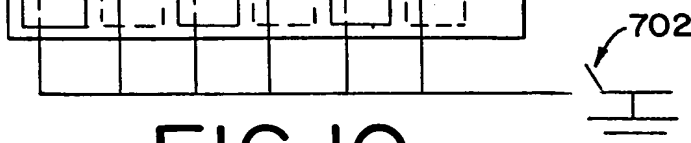
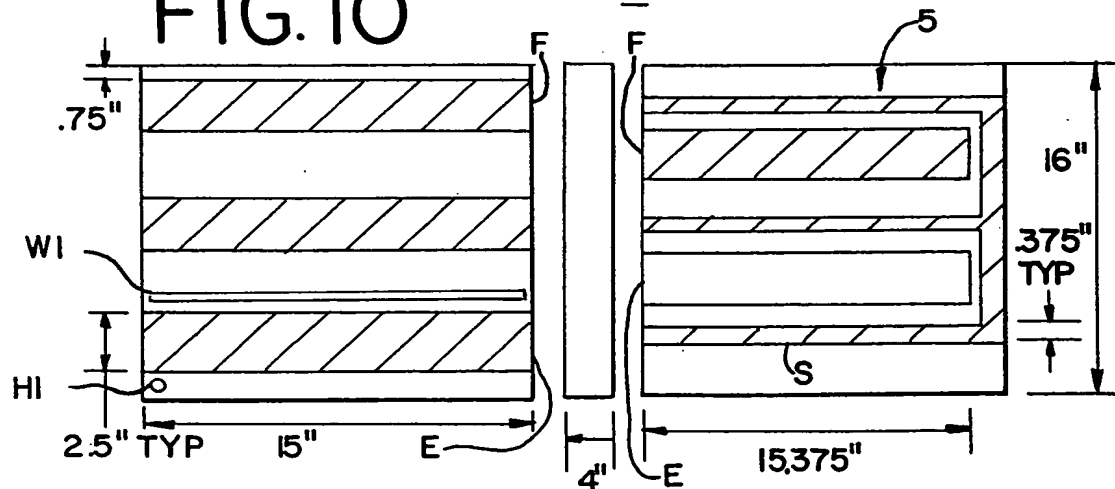
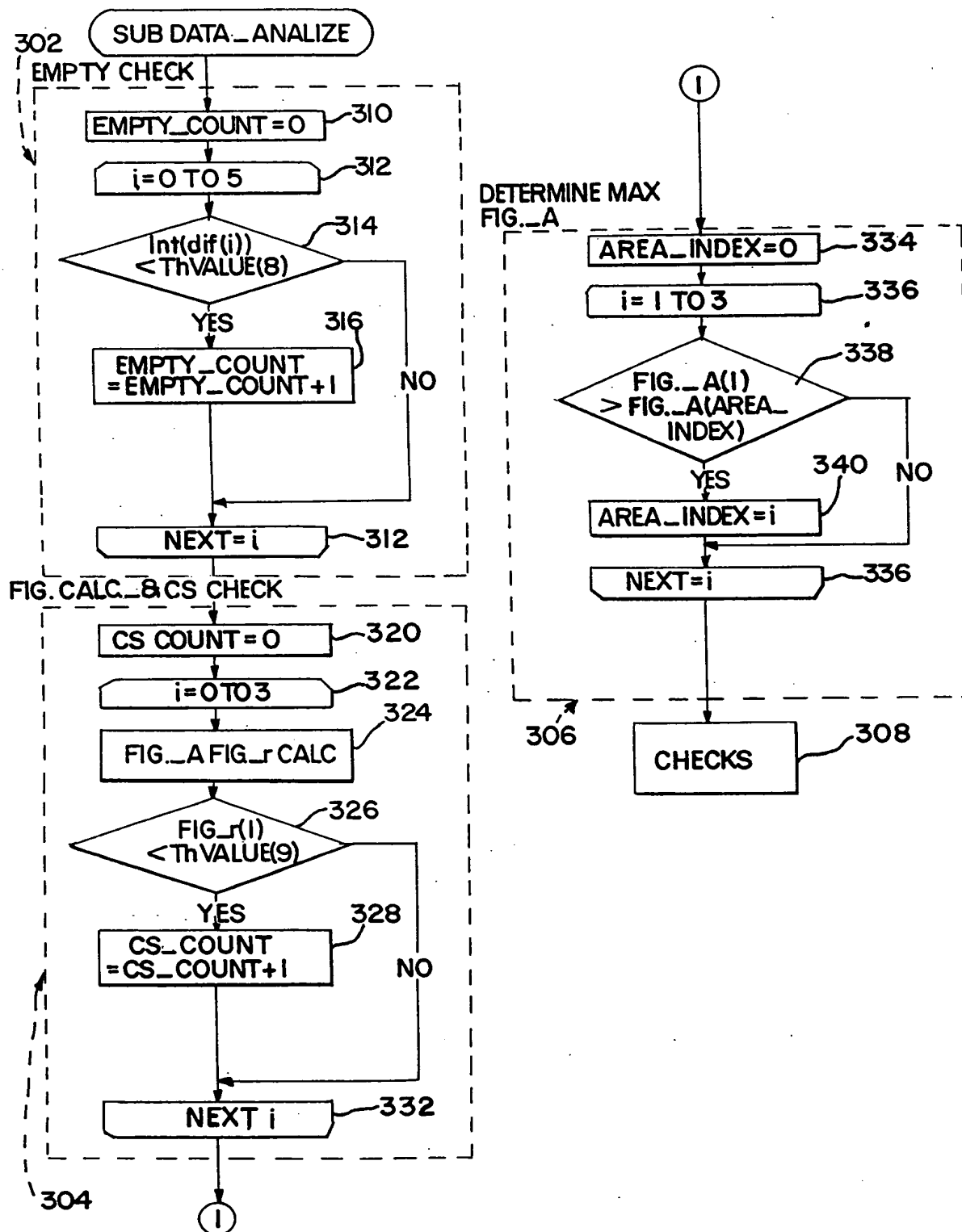


FIG. 10



POLYURETHANE INSULATOR
 5" SPACING BETWEEN ANTENNAE (EXCEPT E SHAPED ANTENNA)

FIG. 8



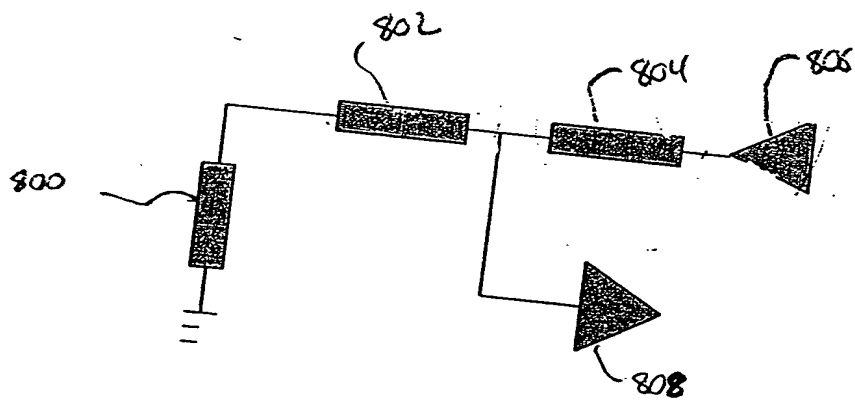


Figure 11